

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-5. (Cancelled)

6. (Previously presented) A method for detecting insulin dependent diabetes or susceptibility to developing insulin dependent (type 1) diabetes in a mammal comprising:

contacting a biological sample from the mammal with an IGRP polypeptide or fragment thereof and

detecting the presence of antibodies to IGRP in the biological sample

wherein detection of said antibodies is a response indicative of the presence of autoimmune (type 1) diabetes or the susceptibility to developing immune mediated (type 1) diabetes in said mammal.

7. (Currently amended) The method of claim 6, wherein the biological sample is blood and the detecting step comprises measuring the levels of circulating autoantibodies to IGRP in the blood of the mammal.

8-10. (Cancelled)

11. (Previously presented) The method of claim 6 wherein the measuring step comprises a radioimmunoassay, an ELISA assay, a depletion ELISA, or an immunoprecipitation method.

12-17. (Cancelled)